TABLE 5
TIER ONE IMPROVEMENTS SUMMARY

LOCATION	RECOMMENDATION	CONCERN ADDRESSED	COST ESTIMATE
Covington Road	• Provide Class I path on south side	• Separates bicycle and pedestrian traffic from vehicle traffic. • Wrong way bicycle riding and scooting.	$276,000
Covington Road/ Miramonte Avenue	• Install 2-phase traffic signal. • Add crosswalk across north leg. • Add advanced stop bars. • Build out corners to improve pedestrian and bicycle storage areas. • Rest signal in all-red during off-peak times.	• Improve traffic flow and reduce vehicular delay. • Improve intersection right-of-way control and driver yielding. • Batch pedestrian crossings. • Resting in all-red reduces potential for speeding through the intersection on major street approaches.	$150,000 for signal $1,500 for crosswalk striping $2,200 for advanced stop bars $20,000 for corner improvements
Altamead Drive	• Add shoulder stripe or bike lanes between Grant Road and Carmel Terrace	• Narrow travel way for vehicular traffic, encouraging reduced speeds. • Delineate area for bicycle travel. • Provide connection to Blach, MVHS, and Miramonte School.	$18,900
Portland Avenue/ Buckingham Drive	• Relocate stop bar on Buckingham Drive to behind pedestrian crossing	• Vehicles currently travel through crossing area before stopping, creating a potential conflict with pedestrians	$400

Source: Fehr & Peers, December 2010.
Cost estimates include 40% markup for design, traffic control and mobilization, and contingencies.

Tier 2: Medium-Priority Improvements

The second level of improvements, those that have a mid-range impact on student safety and circulation, are recommended as part of Tier 2. These infrastructure improvements address the next level of circulation issues and concerns, and complement the improvements identified in Tier 1. Before Tier 2 improvements are implemented, it is recommended that the City assess the efficacy of the Tier 1 improvements, and consider reprioritizing the Tier 2 and Tier 3 improvements. Tier 2 improvements are detailed below.